

THE CLAIMS:

While no amendments, additions, or cancellations of claims are effected via this paper, this listing of claims is provided for the convenience of the Examiner.

1. (Previously presented) A method comprising:

establishing a first wireless low power radio frequency (LPRF) connection with a first unit;

establishing a second LPRF connection to a unit other than the first unit while maintaining the first LPRF connection with the first unit;

receiving a control command from the first unit for adjusting activity of the second LPRF connection when another LPRF connection needs to be established by the first unit, the other LPRF connection operating on the same frequency band as the second LPRF connection; and

adjusting the second LPRF connection activity based on the control command received from the first unit.

2. (Previously presented) The method of claim 1, comprising establishing the other LPRF connection by the first unit after the second LPRF connection activity has been adjusted.

3. (Previously presented) The method of claim 1, wherein before establishing the second LPRF connection, the method further comprising informing the first unit about the second LPRF connection being established.

4. (Previously presented) The method of claim 1, further comprising periodically pausing the established second LPRF connection activity and communicating with the first unit during the pause in order to resolve whether the first unit has control commands for adjusting the second LPRF connection activity.

5. (Previously presented) The method of claim 1, comprising using Bluetooth sleep mode techniques in order to resolve whether the first unit has control commands for adjusting the second LPRF connection activity.
6. (Previously presented) The method of claim 1, wherein the other LPRF connection being established is between the first unit and a peripheral unit.
7. (Previously presented) The method of claim 6, wherein the other LPRF connection being established is between the first unit and the device that establishes the second LPRF connection.
8. (Previously presented) The method of claim 1, wherein the other LPRF connection being established is between the first unit and a unit other than a peripheral unit of the radio system.
9. (Previously presented) The method of claim 1, wherein the step of adjusting the second LPRF connection comprises decreasing the power of the second LPRF connection.
10. (Previously presented) The method of claim 1, wherein the step of adjusting the second LPRF connection comprises restricting use of the second LPRF connection.
11. (Previously presented) The method of claim 1, wherein the step of adjusting the second LPRF connection comprises pausing the second LPRF connection activity.
12. (Previously presented) The method of claim 1, wherein the second LPRF connection or the other LPRF connection is a WLAN connection.
13. (Previously presented) The method of claim 1, wherein the second LPRF connection or the other LPRF connection is a Bluetooth connection.

14. (Previously presented) The method of claim 1, wherein the second LPRF connection established is a WLAN connection and the other LPRF connection established by the first unit is a Bluetooth connection.

15. (Previously presented) The method of claim 1, further comprising informing the first unit when the second LPRF connection ends.

16. (Original) A radio terminal equipment arrangement comprising: a cellular core unit and at least one peripheral unit, the cellular core unit being configured to communicate with a peripheral unit using a wireless low power radio frequency (LPRF) connection, a peripheral unit being configured to establish an outside LPRF connection to a unit other than the core unit, wherein

the core unit is further configured to give a control command for adjusting the outside LPRF connection activity of the peripheral unit when another LPRF connection needs to be established by the core unit, the other LPRF connection operating on the same frequency band as the outside LPRF connection of the peripheral unit; and

the peripheral unit is configured to adjust the outside LPRF connection activity based on the control command received from the core unit.

17. (Previously presented) A radio terminal equipment arrangement of claim 16, wherein the core unit is configured to establish the other LPRF connection after the outside LPRF connection activity of the peripheral unit has been adjusted.

18. (Original) A radio terminal equipment arrangement of claim 16, wherein the peripheral unit is configured to inform the core unit about the outside LPRF connection being established.

19. (Original) A radio terminal equipment arrangement of claim 16, wherein the peripheral unit is further configured to periodically pause the established outside LPRF connection activity and to communicate with the core unit during the pause in order to resolve whether the core unit has control commands for the peripheral unit for adjusting the outside LPRF connection activity.

20. (Original) A radio terminal equipment arrangement of claim 16, wherein the peripheral unit is configured to use a Bluetooth sleep mode techniques in order to resolve whether the core unit has control commands for adjusting the outside LPRF connection activity.

21. (Original) A radio terminal equipment arrangement of claim 16, wherein the core unit is configured to establish the other LPRF connection between the core unit and a peripheral unit.

22. (Original) A radio terminal equipment arrangement of claim 16, wherein the core unit is configured to establish the other LPRF connection between the core unit and the same peripheral unit that is configured to establish the outside LPRF connection.

23. (Original) A radio terminal equipment arrangement of claim 16, wherein the core unit is configured to establish the other LPRF connection between the core unit and a unit other than a peripheral unit of the radio system.

24. (Original) A radio terminal equipment arrangement of claim 16, wherein the peripheral unit is configured to adjust the outside LPRF connection by decreasing the power of the outside LPRF connection.

25. (Original) A radio terminal equipment arrangement of claim 16, wherein the peripheral unit is configured to adjust the outside LPRF connection by restricting the use of the outside LPRF connection.

26. (Original) A radio terminal equipment arrangement of claim 16, wherein the peripheral unit is configured to adjust the outside LPRF connection by pausing the outside LPRF connection activity.

27. (Original) A radio terminal equipment arrangement of claim 16, wherein the outside LPRF connection or the other LPRF connection is a WLAN connection.

28. (Original) A radio terminal equipment arrangement of claim 16, wherein the outside LPRF connection or the other LPRF connection is a Bluetooth connection.

29. (Original) A radio terminal equipment arrangement of claim 16, wherein the outside LPRF connection established by the peripheral unit is a WLAN connection and the other LPRF connection established by the core unit is a Bluetooth connection.

30. (Original) A radio terminal equipment arrangement of claim 16, wherein the peripheral unit is configured to inform the core unit when the outside LPRF connection ends.

31. (Previously presented) A method comprising:

establishing a first wireless low power radio frequency (LPRF) connection between a first device and a second device;

giving a control command by the first device for adjusting activity of a second LPRF connection of the second device when another LPRF connection needs to be established by the first device, the other LPRF connection operating on the same frequency band as the second LPRF connection of the second device; and

adjusting the second LPRF connection activity of the second device based on the control command received from the first device.

32. (Previously presented) The method of claim 31, comprising establishing the other LPRF connection by the first device after the second LPRF connection activity has been adjusted.

33. (Previously presented) The method of claim 31, wherein the step of adjusting the second LPRF connection activity comprises decreasing the power of the second LPRF connection.

34. (Previously presented) The method of claim 31, wherein the step of adjusting the second LPRF connection activity comprises restricting use of the second LPRF connection.

35. (Previously presented) The method of claim 31, wherein the step of adjusting the second LPRF connection activity comprises pausing the second LPRF connection activity.

36. (Previously presented) A cellular core device, comprising:

 a transceiver configured to communicate with a peripheral device using a wireless low power radio frequency (LPRF) connection, and

 a controller configured to provide a control command for adjusting outside LPRF connection activity of the peripheral device when a new LPRF connection needs to be established by the cellular core device so that any outside LPRF connection activity of the peripheral device operating on the same frequency band as the new LPRF connection is adjusted accordingly.

37. (Previously presented) A device, comprising:

 a transceiver configured to establish a first wireless low power radio frequency (LPRF) connection with a first unit and a second wireless LPRF connection with another unit other than the first unit while maintaining the first LPRF connection with the first unit; and

a controller configured to adjust the second LPRF connection activity based on a control command received from the first unit via the transceiver.